



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Water Resources

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Cookeville, Tennessee 38506
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January 26, 2015

The Honorable Richard Driver
Mayor of Lafayette
200 East Locust Street
Lafayette, Tennessee 37083

RE: Sanitary Survey
Lafayette Water System
PWSID #0000373
Macon County

Dear Mayor Driver:

On January 14 and 15, 2015 David Phillips from the Division of Water Resources visited your water system and performed a Sanitary Survey. The Survey covered the time period of April 1, 2013 to January 15, 2015. I would like to thank Mr. Jeff Halliburton and Mr. Dean Ellis and their staffs for their courtesy and prompt response to requests during this survey. The survey consisted of a records review and onsite visit to determine the operational performance of the water system. The Lafayette Water System earned 597 points out of a possible 599 points for a numerical score of ninety-nine percent (99%). This rating retains the Lafayette Water System in the State's "Approved" category.

The following comments apply:

1. The concrete clear well has numerous areas of concrete loss which is in need of repair and painting to prevent structural damage. Please provide this office with an accelerated repair schedule by March 15, 2015. Rule 0400-45-01-.17 says "All buildings and equipment used in and for the production and the distribution of water ... must be well maintained and be reliable and fit for the purpose for which they are used.

Assessment: one (1) points

2. The High School tank is showing degraded areas with paint loss. The paint on the tank has also degraded and is allowing weathering. The rust should be removed using proper and approved methods and the tank should be painted with an approved coating. Rule 0400-45-01-.17(33) says "All public water systems shall properly maintain their distribution system finished water storage tank." The Water System shall provide this office with a schedule for needed maintenance by March 15, 2015.

Assessment: one (1) point

3. Loss of head gauges were not installed during the recent retrofit due to warranty issues, they should be installed as soon as possible.

The new Sanitary Survey Manual may be downloaded at:
<http://www.state.tn.us/environment/dws/pdf/SSManual.pdf>

The latest version of Chapter 0400-45-01 Rules for Public Water Systems may be down loaded at:
<http://tn.gov/sos/rules/0400/0400-45/0400-45-01.20121030.pdf>

State approval to conduct turbidity, total alkalinity, pH and free chlorine residual analysis is granted to Mr. Jerry Dean Ellis. This approval is valid until the next sanitary survey and is contingent upon proper operation, calibration and maintenance of turbidity equipment

The bacteriological sampling rate for Lafayette Water System will remain at 20 samples each month based on the population served.

Please contact David Phillips or me at the Cookeville Environmental Field Office, (931) 432-4015 if you have any questions or comments.

Sincerely,



Johnny K. Walker
Program Manager
Division of Water Resources
Cookeville Environmental Field Office

cc. Mr. Jeff Halliburton, Superintendent
Mr. Jerry Dean Ellis, Chief WTP Operator
DWS, Central Office
Macon County Health Department
File #0000373